WO 99/16884 PCT/EP98/06040

CLAIMS

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1.	A	protein	comp	rising

- 5 (a) an HIV Tat protein or derivative thereof linked to either (i) a fusion partner or (ii) an HIV Nef protein or derivative thereof; or
 - (b) an HIV Nef protein or derivative thereof linked to either (i) a fusion partner or(ii) an HIV Tat protein or derivative thereof; or
- (c) an HIV Nef protein or derivative thereof linked to an HIV Tat protein or derivative thereof and a fusion partner.
 - 2. A protein as claimed in claim 1 which is a Tat-Nef fusion protein or derivative thereof.

3. A protein as claimed in claim 1 which is a Nef-Tat fusion protein or derivative thereof.

- 4. A protein according to claim 1 wherein the derivative of the Tat protein is a mutated Tat protein.
 - 5. A protein according to claim 1 wherein the derivative of the Nef protein is a mutated Nef protein.
- 25 6. A Protein as claimed in any one of claims 1 5 wherein the fusion partner is a lipoprotein or derivative thereof.
 - 7. A protein as claimed in claim 6 wherein the lipoprotein is Haemophilus Influenza B protein D or derivative thereof.

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WO 99/16884 PCT/EP98/06040

 A protein as claimed in Claim 7 wherein the fusion partner comprises between 100-130 amino acid from the N terminal of Haemophilus Influenza B protein D.

- 5 9. A protein as claimed in any one of Claims 1 to 8, wherein the Tat protein is the entire Tat protein.
 - 10. A protein as claimed in any one of Claims 1 to 8, wherein the Nef protein is the entire Nef protein.

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- 11. A protein as claimed in any one of Claims 1 to 10, wherein the Tat protein is fused to an HIV Nef protein and a fusion partner.
- 12. A protein as claimed in any one of Claims 1 to 11, wherein the protein has a

 Histidine tail.
 - 13. A nucleic acid encoding a protein of Claims 1 to 12.
 - 14. A host transformed with a nucleic acid of Claim 13.

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- 15. A host as claimed in claim 14 wherein the host is either Pichia pastoris or E. coli.
- 16. A vaccine comprising a protein of any one of Claims 1 to 12 in admixture with a pharmaceutically acceptable excipient.
 - 17. A vaccine of Claim 16 additionally comprising an adjuvant.
 - 18. A vaccine of claim 17 wherein the adjuvant is a TH1 inducing adjuvant.

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WO 99/16884 PCT/EP98/06040

19. A vaccine as claimed in Claim 17 or 18 which adjuvant comprises monophosphoryl lipid A or derivative thereof such as 3 de-O-acylated monophosphoryl lipid A.

- 5 20. A vaccine as claimed in any one of Claims 16 to 19 additionally comprising a saponin adjuvant.
 - 21. A method of producing a protein of Claim 1 to 12, comprising the steps of transforming a host with a nucleic acid encoding said protein, expressing said protein and recovering the protein.
 - 22. A method as claimed in Claim 21 wherein the host is E. coli. or *Pichia pastoris*.
- 15 23. A method of producing a vaccine of Claim 16 to 20, comprising admixing the protein of Claim 1 to 12 with a pharmaceutically acceptable diluent.
- A method of preparing (i) an HIV Nef protein or derivative thereof or (ii) an HIV Tat protein or derivative thereof in *Pichia pastoris* which method
 comprises the steps of transforming Pichia pastoris with DNA encoding said HIV Nef protein or derivative thereof or HIV Tat protein or derivative thereof, expressing said protein and recovering the protein.

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